1044b UIC - EAST POPLAR OIL FIELD ENFORCEMENT CASE SDWA 1431 Folder ID: 13629 1971 Privileged

Release in fill

81 Well Files - Natol 1-26 (Sioux 1-26)

East Poplar Oil Field



STATE OF LOUISIANA

PARISH OF ORLEANS

On this 20th day of December, 1995, before me, a Notary Public, duly commissioned, qualified and acting, within and for the said Parish and State, appeared in person the within named Woods W. Allen and Walter K. Compton to me personally well known, who stated that they were the Sr. Vice President and Assistant Secretary of Murphy Exploration & Production Company, a corporation, and were duly authorized in their capacities to execute the foregoing instrument for and in the name and behalf of said corporation, and further stated and acknowledged that they had so signed, executed and delivered said foregoing instrument for the consideration, uses and purposes therein mentioned and set forth.

In Testimony Whereof, I have hereunto set my hand and official seal.

My Commission Expires:

At Death

Notary Public

STEVEN L. JONES BURN

IN AND FOR JEFE STATE OF EDIT

MY COMMISSION EXPRE

٠,	BA0-	4351:PA
	Plav.	3/85

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF INDIAN AFFAIRS

LEASE NO.		
CONTRACT	NO:	14-20-0256-878
ALLOTHENT	NO.	
SALE NO.		9795
TRACT NO		250

OIL AND GAS MININ	G LEASE - TRUST LANDS	TRACT NO.	250
Authoricy - This Lease is Authorized Under Provisions	Of 25 CFR - Part 211 and 21	2, 30 CFR Part 20	0, 43 CFR Part 3160
This Indenture Of Lease, made and entered into	quadruplicate thisO 4	day of	Weel
1995, by and between Rose M. Jones, 3554	SW/09Th St of	Seattle	
State of Washington 98/46, for and on behalf	of the Assiniboine-Siou	х	Trib
of Indians, Lessor and Murphy Exploration & Production Company	of 131 South Roberts Street, New Orlea		. 70161-1780 .
Lessee:	,	206	31040

WITNESSETH

1. Lessor, in consideration of a cash bonus of \$ 10,480.00, paid to the payee designated by the Superintendent, receipt of which is hereby acknowledged and in consideration of rents and royalties to be paid, and the conditions to be observed as herein set forth, does hereby grant and lease to the lessee the exclusive right and privilege to drill for, mine, extract, remove, and dispose of all the oil, gas and/or natural gasoline, and/or all other hydrocarbon deposits in or under the following-described tracts of land situated in the county of Roosevelt, State of Montana, Township 28 North, Range 51 East more particularly described as follows:

provided that there is excluded from SAFF jease 261: o Heand gas from the surface to the top of the Muddy formation

acres more or less, together with the right to construct and maintain with negotiated compensation thereupon all works, buildings, plants, waterways, roads, telegraph and telephone lines, pipelines, reservoirs, tanks, pumping stations, or other structures necessary to the full enjoyment hereof for the term of 5 years, from and after the approval hereof by the Secretary of the Interior, and as long as there is production in paying quantities.

- 2. The term "Oil and Gas Supervisor" as employed herein shall refer to such officer or officers as the Secretary of the Interior may designate to supervise oil and gas operations on Indian Lands. The term "Superintendent" as used herein shall refer to the Superintendent or other official in charge of the Indian Agency having jurisdiction over the lands leased, or his authorized agents or representatives.
- 3. In consideration of the foregoing, the lessee hereby agrees: (A) BOND To furnish such bond as may be required by the regulations of the Secretary of the Interior, with satisfactory surety, or United States bonds as surety therefor, conditioned upon compliance with terms of this lease. (B)(1) WELLS - To drill and produce all wells necessary to offset or protect the lands from drainage. The necessity for offset wells shall be determined by the Oil and Gas Supervisor after affording the Lessor and Lessee a reasonable opportunity to be heard on the issue. In the event the Oil and Cas Supervisor determines that drainage is present, the Lessee, within ninety (90) days from the completion of the draining well, may either commence and diligently prosecute the drilling of an offset well on the leased premises to the formation from which such draining well is producing, or pay royalty at the rate fixed in this lease from the date of completion of the draining well as if the draining well were located upon and producing from the premises covered by this lease. Where a draining well on adjacent land is within five hundred (500) feet of the premises covered by this lease, the Lessee, pending the final determination of the issue of drainage, shall pay royalty from the date of completion of the draining well at the rate fixed in this lease on the same basis as prescribed in this section for draining wells more than five hundred feet from the leased premises; Provided, That such royalty payments shall be held by the Secretary of the Interior in interest-bearing suspense accounts pending the final determination of the issue of drainage; (2) at the election of the Lessee and with the Lessor's approval to drill and produce other wells; Provided, that the right to drill and produce such other wells shall be subject to any duly approved system of well spacing, or production allotments, that affect the field or area in which the leased lands are situated and are authorized by applicable federal law or by regulations approved by the Secretary of the Interior; and (3) if the Lessee falls to drill and produce such other wells for any period, the Secretary of the Interior may, upon ten (10) days notice in writing and an opportunity to be heard, order the Lessee to drill and produce such wells within a reasonable time after the date of the order, but not to exceed 90 days, or the Lessee, at its option, may pay the Lessor each month for the loss of royalties under an agreement between the Lessor and Lessee approved by the Secretary of the Interior fixing the amount of the compensatory payment.
- (C) RENTAL AND ROYALTY: (1) To pay, beginning with the date of approval of the lease by the Secretary of the Interior or by his duly authorized representative, a rental of \$3.00 per acre per annum in advance during the continuance hereof. This rental shall not be credited on production royalty or prorated or refunded because of surrender or cancellation for any other reason. Where the acreage stated in the advertisement is more or less than the actual acreage, the Superintendent shall adjust the bonus and annual rental to reflect the actual acreage, unless the difference is inconsequential.

To pay a royalty of ____ percent of the value or amount of all oil, gas, and/or natural gasoline, and/or all other hydrocarbon aubstances produced and saved on the land lessed. If the royalty on production paid during any year aggregates less than \$3 per acre, the lessee must pay the difference at the end of the lease year, in addition to rental and other payments required under this lease. (2) During the period of supervision, "value" for the purposes hereof may, in the discretion of the Secretary, be calculated on the basis of the highest price paid or offered (whether calculated on the basis of short or actual volume) at the time of production for oil of the same gravity, and gas, and/or natural gasoline, and the actual volume of the marketable product less the content of foreign subatances as determined by the oil and gas supervisor. The value for gas will be calculated on the basis of interstate/intrastate value in sales, whichever value being highest. At the discretion of the Superintendent, the lessee shall submit to the Agency all pertinent documents related to the marketing value of said hydrocarbons. The actual amount realized by the lessee from the sale of said products shall be deemed mere evidence of such value. When paid in value, such royalties shall be due and payable monthly on the last day of the calendar month following the calendar month in which produced; when royalty on oil produced is paid in kind, such

royalty hydrocarbons shall be delivered in containers provided by the lessee on the premises where produced without cost to the lessor unless otherwise agreed to by the parties thereto, at such times as may be required by the lessor: PROVIDED; that the lessee shall not be required to hold such royalty hydrocarbons in storage longer than 30 days after the end of the calendar month in which said oil is produced; AND PROVIDED FURTHER, that the lessee shall, in no manner, be responsible or held liable for loss or destruction of such hydrocarbons in storage caused by acts of God. All rental and royalty payments, except as provided in 4(B) shall be made by check or draft drawn on a solvent bank, open for the transaction of business on, the day the check or draft is issued to the lessor or payee designated by the Superintendent with a remittance to the 0il and Gas Supervisor. It is understood that in determining the value (for royalty purposes) of products, such as natural gasoline that are derived from treatment of gas, allowance for the cost of manufacture shall be made, such allowance to be the actual cost of making the product marketable unless otherwise determined by the Secretary of the Interior, or upon application of the lessee on his own initiative, that royalty will be computed on the value of gas or casinghead gas, or on the products thereof (such as residue gas, natural gasoline, propane, butane, and etc.) whichever is the greater. (3) Penalty For Late Payment or Underpayment. Any lessee who fails to make timely or full, or proper payment of any monies due to the mineral owner(s) pursuant to this lease, shall pay a penalty of 10 percent of the amount past due plus interest at the prime rate plus 2 points from the due date to the date of payment. Prime rates shall be not less than the prime rate figures maintained by the Federal Reserve Board.

In no event may 'value' for the purposes of this lease be less than the fair market value of the production.

(D) MONTHLY STATEMENT AND REPORTS - To furnish monthly to the Oil and Gas supervisor, Superintendent and Lessor, statements in detail in such form as may be prescribed by the Secretary of the Interior, showing the amount, quality, and value of all oil, gas, natural gasoline, or other hydrocarbon substances produced and saved during the preceding calendar month. To furnish, separately to the Superintendent and the Lessor, at or about the time of filing with the appropriate federal agency, one copy each of any application for drilling locations and of all production and operation reports, including, but not limited to, drilling locations, well abandonments, completion reports, production reports, royalty reports, production tax reports and all other operational information pertaining to this lease.

Where the Lessee employs automated data processing in the preparation of the Lessee's royalty and production reports, and said data is furnished to the appropriate federal agency, a printout of the same shall be furnished to the Superintendent and the Lessor.

The leased premises and all wells, producing operations, improvements, machinery, and fixtures on the lease, or connected with the lease, and all books and accounts of the Lessee shall, upon request, be open at all times for inspection by any duly authorized representative of the Secretary of the Interior or of the Lessor.

- (E) LOG OF WELL To keep a log in the form prescribed by the Secretary of the Interior of all wells drilled by the lessee showing the strata and character of the formations passed through by the drill, which log or copy thereof shall be furnished to the Oil and Gas Supervisor, the Superintendent and Lessor.
- (F) DILIGENCE, PREVENTION OF WASTE To exercise reasonable diligence in drilling and operating wells for oil and gas on the lands covered hereby, while such products can be secured in paying quantities; to carry on all operations hereunder in a good and workmanlike manner in accordance with approved methods and practice, having due regard for the prevention of waste of oil and gas developed on the land, or the entrance of water through wells drilled by the lessee to the productive sands or oil or gas-bearing strata to the destruction or injury of the oil or gas deposits, the preservation and conservation of the property for future productive operations, and to the health and safety of workmen and employees; to plug securely all wells before abandoning the same and to effectually shut off all water from the oil or gas-bearing strata; not to drill any well within 200 feet of any house or barn now on the premises without the Superintendent's written consent; to carry out at the expense of the lessee all reasonable orders and requirements of the 0fl and Gas Supervisor relative to prevention of waste, and preservation of the property and the health and safety of workmen; to bury all pipelines below plow depth; where the Lessor is the surface owner to pay the Superintendent for the benefit of the Lessor, all damages to crops, buildings, and other improvements resulting from the Lessee's operations, as agreed upon by the Lessor and the Lessee, or in the absence of such an agreement, as determined by the Superintendent, after reasonable notice to the Lessor and Lessee affording the affected parties an opportunity to present evidence on the issue of damages; Provided, that the Lessee shall not be held responsible for delays beyond the Lessee's control.
- (G) REGULATIONS To abide by and conform to any and all regulations of the Secretary of the Interior now or hereafter in force relative to such leases, including 25 CFR Part 211 and 212, 30 CFR, Part 200, 43 CFR, Part 3160; and applicable Tribal Ordinances and Regulations. PROVIDED: That no regulation hereafter approved shall effect a change in rate of royalty or annual rental herein specified without the written consent to the parties to this lease.
- (H) ASSIGNMENT OF LEASE Not to assign this lease or any interest therein and not to sublet any portion of the leased premises before restrictions are removed, except with the approval of the Secretary of the Interior. Complete copies of all assignments, partial assignments, designations of operator, farm-out agreements, or reservations of overriding royalties shall be furnished to the Superintendent and the Tribes.
- 4. THE LESSOR EXPRESSLY RESERVES: (A) USE OF GAS The right to use sufficient gas free of charge and free of royalty to the lessee for any dwelling or other domestic buildings belonging to or operated by the lessor on said lands by making connection at its own expense with the wells thereon, the use of such gas to be at the lessor's risk at all times.

 (B) ROYALTY IN KIND The right to elect on 30 days written notice to take lessor's royalty in kind. Lessee agrees to permit lessor to use its gas gathering lines to transport the lessor's royalty gas, with the lessor paying the negotiated cost thereof, and to reserve, in any contract for sale of gas, the right to the lessor to similarly use any pipeline owned by third parties for use by the lessor of its royalty gas on the reservation, with the lessor paying the negotiated cost of pipeline connections and transport.
- 5. THE SURFACE OWNER EXPRESSLY RESERVES: (A) DISPOSITION OF SURFACE The right to lease, sell, or otherwise dispose of the surface of the lands embraced within this lease under existing law or laws hereafter enacted, such disposition to be subject at all times to the right of the lessee herein to the use of so much of said surface as is necessary in the extraction and removal of the oil and gas from the land herein described.

- 206 31040

 6. SURRENDER AND FERMINATION The lessee shall have the right at any time during the term of the lease to surrender and terminate this least or the part of it upon the payment of \$5.00 and all rentals, royalties, and other obligations due and payable to the Lesson and Marthe event restrictions against alienation have been removed, upon a showing satisfactory to the Lessor that will provision has been adde for the conservation and protection of the property and the proper the Lessor that full provision has been made for the conservation and protection of the property and the proper abandonment of all wells drilled on the portion of the lease surrendered. The lease shall continue in full force and effect as to the lands not so surrendered. It the event restrictions against alienation have not been removed the same showing shall be made to the Secretary of the second this lease has been recorded, the Lessee's application to the Superintendent for termination of this lease shell have the right to remove from the lease premises, within 90 days after termination of this lease, any and all buildings, structures, casing, material, and/or accomment operation by the lease and placed on the lease for the purpose of development operation bereunder, save and except
- equipment owned by the lessee and placed on the lease for the purpose of development operation hereunder, save and except casing in wells and other material, equipment, and structures necessary for the continued operation of well producing or capable of being produced in paying quantities as determined by the Secretary of the Interior, that are on the leased land at the time of surrender or termination of this lease. Except as otherwise provided in this lease, all casing in wells, material, structures, and equipment shall be and become the property of the Lessor.
- 8. DRILLING AND PRODUCING RESTRICTIONS It is convenanted and agreed that the Secretary of the Interior may impose restrictions as to time or times for the drilling of wells and as to the production from any well or wells drilled when in his judgement such action may be necessary or proper for the protection of the natural resources of the leased land and the interests of the Indian lessor, and in the exercise of his judgment the Secretary may take into consideration, among other things, federal laws, state laws, or regulations by competent federal or state authorities or lawful agreements among operators regulating either drilling or production, or both; Provided, that in the exercise of his authority under this section, the Lessor shall not be exposed to greater economic loss than an informed private owner of the mineral estate would suffer in like circumstances.
- 9. CANCELLATION AND FORFEITURE When, in the opinion of the Secretary of the Interior or the lessor, there has been a violation of any of the terms and conditions of this lease, the Secretary of the Interior shall have the right at any time after 30 days' notice to the lessee, specifying the terms and conditions violated, and after a hearing, if the lessee shall so request within 30 days of receipt of notice, to declare this lease null and void, and the lessor shall then be entitled and authorized to take immediate possession of the land.
- 10. RELINQUISHMENT OF SUPERVISION BY THE SECRETARY Nothing contained in this lease shall operate to delay or prevent a termination of federal trust responsibilities with respect to the land by the issuance of a fee patent or otherwise during the terms of the lease. However, in the event of such termination the lease shall continue in full force and effect as between the Lessor and Lessee. Whenever the lease imposes on the Lessee a duty or obligation to the Secretary of the Interior, the Lessee shall be bound to fulfill the same duty or obligation to the Lessor. The owners of the land and the Lessee and his surety or sureties shall be notified by the Secretary of any such change in the status of the land.
- 11. UNIT OPERATION The parties hereto agree to subscribe to and abide by any agreement for the cooperative or unit development of the field or area, affecting the leased lands, or any pool thereof, if and when collectively adopted by a majority operating interest therein, and approved by the Secretary of the Interior, during the period of supervision.
- 12. CONSERVATION The lessee in consideration of the rights herein granted agrees to abide by the provisions of any act of Congress, or any order or regulations prescribed pursuant thereto, relating to the conservation, production, or marketing of oil, gas, or other hydrocarbon substances.
- 13. DRY HOLES: WATER WELLS Before plugging and abandoning any well, the Lessee shall notify the Lessor by telephone, or in person (and later confirm the notice in writing) as to whether or not the well is capable of producing water satisfactory for domestic or agricultural purposes. Within twenty-four (24) hours after such notice is given, the Lessee, upon request of the lessor, approved by the Superintendent, without charge shall plug back any such well to a depth mutually agreeable to the parties and shall condition such well for the production of water. The Lessor shall bear the costs of conditioning. After a well is so conditioned, the well shall be the responsibility of the Lessor and the Lessee shall be relieved from any further obligation or liability whatsoever, with respect to such well.
- 14. EMPLOYMENT OF INDIANS The Lessee shall comply with the law of the Tribes governing the employment of Indians. In particular, the Lessee, and Lessee's subcontractors, in hiring, shall give first preference to members of the Assiniboine and Sioux Tribes residing on or near the Fort Peck Indian Reservation as defined in the Act of May 1, 1888, c. 212, 25 Stat. 113, who are qualified for such employment, and second preference to Indians, other than members of the Tribes, residing on or near the Reservation who are qualified for such employment. The Lessee, and Lessee's subcontractors, shall notify the Chairman of the Tribal Executive Board by telephone, or in person, of any vacancy for which a member is not immediately available. The Chairman, or his authorized representative, may, within 3 days from the receipt of such notice, exclusive of Saturdays, Sundays and legal holidays, furnish the names of candidates for such positions. In the event that no candidate is thus made available, the Lessee and Lessee's subcontractors shall have the right to fill the position without regard to the preference right.
- 15. HEIRS AND SUCCESSORS IN INTEREST It is further convenanted and agreed that each obligation hereunder shall extend to and be binding upon, and every benefit hereof shall inure to, the heirs, executors, administrators, successors of, or assigns of the respective parties hereto.
- 16. INSPECTION The Secretary of the Interior, the Lessor, or their respective authorized representatives, each reserve the right to inspect and monitor at all reasonable times (a) the leased premises and all improvements, including without limitation drill sites, pits, fences, and access roadways; (b) all production and operating facilitites, including without limitation wells, guages, meters, valves, machinery, fixtures and other associated improvements; (c) the Lessee's reclamation procedures associated with drilling and production; and (d) Lessee's books and records relating to the operation of the lease and showing the persons with an interest in the lease.

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The Secretary of the Interior, the Lessor, or their respective authorized representatives, each reserve the right to guage, measure, or otherwise verify the quantity and quality of oil, gas, and/or other hydrocarbons produced on the lease.

- 17. All reports and requirements as referenced in this lease which are required by the Tribe shall be limited to Tribal Mineral Estates. Those reports pertinent to allotted mineral estates shall be filed with the Superintendent.
- 18. LESSOR INTEREST CLAUSE. If the lessor owns an interest less than the entire undivided interest in the leased oil and gas, then unless there is a valid agreement to some other division, the bonus, rentals and royalties stipulated in this lease shall be paid to the Lessor in the proportion that the Lessor's interests bear to the whole and undivided interest in said land.
- 19. PAYING QUANTITIES As used in this lease "paying quantities" means not less than an average daily production of five barrels of oil or 30.3 mcf of gas over a three-month consecutive period.
- 20. NOTICE TO LESSOR. Except as otherwise provided in this lease, any notice to be given to the Lessor shall be by delivery in person or by registered or certified mail, return receipt requested, addressed as follows:

Chairman, Tribal Executive Board, Assiniboine and Sioux Tribes, P.O. Box 1027, Poplar, Montana 59255

with a copy to the Following:

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Tribal Secretary, Assimboine and Sioux Tribes, P.O. Box 1027, Poplar, Montana 59255

Superintendent, Fort Peck Indian Agency, Bureau of Indian Affairs, Poplar, Montana 59255

ANY INFRACTION OF RULES AND REQUIREMENTS CONTAINED HEREIN SHALL BE JUST CAUSE FOR IMMEDIATE CANCELLATION OF THIS LEASE AND MAY PREVENT ANY FUTURE ACTIVITY ON THE FORT PECK RESERVATION BY THIS LESSEE.

IN WITNESS WHEREOF, the said parties have hereunto subscribed their names and affixed their seals on the day and year first above mentioned;

Two witnesses to execution by lessor:	Rose m Jones	
P.O		Lessor
P.O		
Two witnesses to execution by lessee:	Woods W. W.	la
P.O	Murphy Exploration & Products Attest:	OM COMMON
P.OACKNO	WLEDGMENT ASSISTANT SCREENS	S SSEVE W
State of Washington County of King		00033NO
Before me, a notary public, on this 4 day to me known	of Derm NV 1995 personally appeared ROSC to be the identical person who executed the within and for executed the same as HILW luntary act, and deed for the uses and purposes therein set	U Jone 5 egoing lease, and
free and vol	luntary act, and deed for the uses and purposes therein set	forth.
My commission expires ENISE 8-4-97 For	DEPARTMENT OF THE INTERIOR Bureau of Indian Affairs rt Peck Indian Agency FEB 5, 14996.	au all au au au au au an
APPROVED:	Forlar, Montana FED 3, 19996.	CORPE BIA S. ARFA FILE FILE S. ARFA FILE FILE FILE FILE FILE FILE FILE FILE
FEB 5 1996	Superintendent S	OFFICE OFFICE OFFICE
OF WASHING	"209 DM 8, Secretary's Order Nos. 3150 and 3177, and 10 BIAM Bulletin 13, as amended, and the Addendum to 10 BIAM dated May 14, 1993."	

Superintendent, Fort Peck Agency, for and on behalf of Emmett V. Sears (undetermined estate)

State Of Montana

ss:

County of Roosevelt

Before me, a Notary Public, on the 5th day of February, 1996, personally appeared, Wyman Babby, Superintendent, for and on behalf of the above individual, to be known to be the identical person who executed the within and foregoing lease, and acknowledged to me that he executed the same as his free voluntary act and deed for the uses and purposes therein set forth.

Notary Public for the State of Montana Residing at Wolf Point, Montana

de parasion expires:

- 98

CONTRACT NO_____

SALE NO. 09/95

206 31040

ALLOTMENT NO 0846

James D. Sears, Est.

E¹₂, Sec. 26, T.28N., R.51E.

Containing 320.00 acres more or less

SALE TRACT NO 250

SAUF DATE 09/14/1995

IDENT

NAME AND ADDRESS

INTEREST D-0-8

206A003627 SEARS, EMMETT V (Undetermined Estate)

0.5000000000 06 02 28

0.5000000000 08 03 29

BOX 637, FORT PECK AGENCY

C/O SUPERINTENDENT

POPLAR, MT 59255

206A003727 JONES, ROSE M

SEATTLE, WA XXXXXXX 98136

1.00000000000

Notice of Intention to Abandon Well

(SUBMIT IN QUADRUPLICATE)

TO

NOTICE THIS FORM BECOMES A PERMIT WHEN STAMPED APPROVED BY AN AGENT OF THE COMMISSION.

0.K

2-28-71.

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA BILLINGS OR SHELBY

SUNDRY NOTICES AND REPORT OF WELLS Subsequent Report of Water Shut-off Subsequent Report of Shooting, Acidizing Cementing Notice of Intention to Change Plans Notice of Intention to Pest Water Shut-off Subsequent Report of Altering Casing Notice of Intention to Redrill or Repair Well Subsequent Report of Redrilling or Repair Notice of Intention to Shoot, Acidize, or Cement Subsequent Report of Abandonment X Notice of Intention to Pull or Alter Casing Supplementary Well History

Report of Fracturing

(Indicate Move by	CHECK Main state of hep	ord modes, or other	Data	
	•-		lay 25	, 19 <u>71</u>
Following is a report of work done	on land } sources	described as followed LEASE_Sic		-
MONTANA (State)	Roose	velt		plar
·	, -	28N	•	,
Well No. 1-26 C NW NE 26				
The well is located 660 ft. from -	N line and 1980	ft. from E	line of Sec	26
LOCATE ACCURATÉLY ON PLAT ON BACK	C OF THIS FORM THE	WELL LOCATION,	AND SHOW LEA	ASE BOUNDARY
The elevation of the derrick floor above the se	ea level is 2204!			
READ CAREFULLY	DETAILS OF PLAN OF	WORK	RE.	AD CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK RESULT

The Charles Sand at 5964'-82' was uneconomical to operate at 3 BO and 93 BW per day. A 25 sx cement plug was displaced from 5680' to 5980' and let set overnight. Casing (4-1/2") was shot off at 4400". A 35 sx cement plug was set from 4400" to 4290". A 35 sx cement plug from 3140' to 3030' was set across the Muddy Sand porosity at 3070'-3090'. A 50 sx cement plug was set from 910' to 1075', 1/2 in and 1/2 out of the 8-5/8" surface casing. The top of the surface casing was topped off with a 5 sx cement plug and cut off three feet below ground level. Well plugged and abandoned 5/6/2

(LOCATION INSPECTED & APPROVED) District Office Agent Title

WELL

COMMISSION USE ONLY

API WELL NUMBER

COUNTY

REMOVED FROM WELL CARD

Company Natol Petroleum Corporation Title Manager, Drilling and Production

Address 1500 Liberty Bank Building Oklahoma City, Oklahoma 73102

NOTE:-Reports on this form to be submitted to the District Agent for Approval in Quadruplicate

WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL.

OVER

3 REPORTER PRTG. & SUPPLY CO.

I CE CAM	: "	MENT OF THE SEOLOGICAL SUI		UK verse side)		5. LEASE DESIGNATION Ft. Peck (1). 14-20-0256-	AND SERIAL NO.
1 62 48		ICES AND REP		N WELLS	1	G. IF INDIAN, ALLOTTE	EE OR TOIBE NAME
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1601			1.0:	RECEIVED	+	7. UNIT AGREEMENT N.	AME
A ZL X WELL	OTHER			11 1971			
Name of OPERATOR		amatian	1	7014	11	8. FABM OB LEASE NAME Sioux	ME
Natol Petrole 3. ADDRESS OF OPERATOR				Dillings, Mortiana	 	9. WELL NO.	
1500 Liberty 4. LOCATION OF WELL (Reg. See also space 17 below	Bank Blo	ig.; Okla. Cit	y. Okla	homa 7310Z		1-26	DR WIEDCATE
See also space 17 below At surface	.)	learly and in accordance	e with any t	мис теримешенся.		S. Poplar E	xtension
C NW /4 NF /4	Section	26-28N-51E	or		ľ	11. SEC., T., B., M., OB SURVEY OR ABEA	BLR. AND W/4 NE
C NW/4 NE/4 660' FNL & 1	980' FE	L of Section 2	6		ļ	Section 26-28	
14. PERMIT NO.		15. BLEVATIONS (Show		RT, GR, etc.)		12. COUNTY OR PARISE	
		2194' G. L.	. 220	6' K.B.		Roosevelt	Montana
16.	Check Ar	propriate Box To Ir	ndicate No	ature of Notice, Report,	or O	ther Data	
NO	PICE OF INTEN		1			ENT REPORT OF:	
TEST WATER SHUT-OFF		PULL OR ALTER CASINO		WATER SHUT-OFF		REPAIRING S	WELL.
		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING C.	ABING
FRACTURE TREAT	 -						
PRACTURE TREAT SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	;	ABANDONME	NT - X
SHOOT OR ACIDIZE		ABANDON®		(Other) (Note: Report r	esults o	of multiple completion	on Well
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR C proposed work. If we nent to this work.) The Charles Sand water per day. A ight. Casing (4-	DIPLETED OPE rell is direction at 5964' 25 sx ce 1/2'') wa	BATIONS (Clearly state of mally drilled, give substituted was unecessive shot off at 4	onomic s displa	(Other) (Norm: Report r. Completion or Redetails, and give pertinent ons and measured and true of the completion of the	esults of complex dates. It vertical dates da	of multiple completion tion Report and Log for neluding estimated dat depths for all markers as oil and 93 980' and let so was set from	on Well rm.) te of starting any s and zones perti- bbls. et over- 4400'
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR C proposed work. If we control to this work.) The Charles Sand water per day. A	at 5964' 25 sx ce 1/2") wa cement 50 sx ce the top o	BATIONS (Clearly state of mally drilled, give substance) -82' was unecement plug was shot off at 4 plug from 314 ement plug waf the surface	onomics displayed on the displayed of the displayed on th	(Other) (Norn: Report r. Completion or Redetails, and give pertinent ons and measured and true of the completion of the	esults of complete dates. It rertical states to 50 colugous to 50 colugo to 50 colugo to 50 colu	of multiple completion tion Report and Log for neluding estimated dat depths for all markers as a collar and 193 and 1et so was set from the Muddy San 1/2 in and 1/2 5 sx cement	on Well rm.) te of starting any s and zones perti- bbls. et over- 4400' and porosity out of the
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR C Proposed work. If we nent to this work.) The Charles Sand vater per day. A sight. Casing (4-by 4290'. A 35 sx t 3070'-3090'. A surface casing. T	osippleted operell is direction at 5964' 25 sx cell/2'') was cement 50 sx che top of selow grown at 50 sx control of selow gro	BATIONS (Clearly state of mally drilled, give substant) -82' was unecement plug was shot off at 4 plug from 314 ement plug was f the surface ound level. We true and correct L. Marple Time of the surface of the surface ound level.	onomics displayed on the displayed of the displayed of the displayed of the displayed of the displayed on th	(Other) (Norn: Report r. Completion or Redetails, and give pertinent ons and measured and true of the completion of the	esults of complete dates. It wertical to 50 olugo oss to 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	of multiple completion tion Report and Log for neluding estimated dat depths for all markers as a collar and 1/2 and 1/2 in and 1/2 and 1/2. 5 sx cement 5/6/71.	on Well rm.) te of starting any s and zones perti- bbls. et over- 4400' and porosity out of the plug and

*See Instructions on Reverse Side

		CTA	TEC	SUBM	IT IN DUPL	CATE .	Form	approved.
	۱۱۸۰۰	ED STA	1 E 1 K 1 -	TEDIOI	(8)	e other in-	Budg	et Burenu Nó. 42-R355.5.
<i>.</i>	ARTMEN	GICAL SL	IDVEV	IERIOI	T str	uctions on verse side)	1	ATION AND SERIAL NO.
	GEOLO	JICAL SU	- INVET				Ft. Peck (LOTTEE OR TRIBE NAME
	LETION OR RE	COMPLET	TONT	EPORT:	ANDERE	18 88	G. IF INDIAN, ALI	LOTTEE OR TRIBE NAME
In. TYPE OF WELL:	OII. WELL W	ELL	DRY 🚺	Other Too	much w	ater.	7. UNIT ACREEME	NT NAME
b. TYPE OF COMPLET	K DEEP- P	LIIG TO DIF	·F.	: YAillio	11 1971	1	S. FARM OR LEAS	P VAMP
WELL X OVE		ACR L	SVR. LJ	Other		==		G HAND
Natol Petrole	um Cornorati			_ nijeri:	5.5	٠ ـ ـ ١	9. WELL VO.	
3. ADDRESS OF OPERATOR			i				1-26	· •
1500 Liberty 4. LOCATION OF WELL (R)	Bank Building	; Oklahor	ma Cit	y, Okla	homa 73	3102	10. FIELD AND PO	OL, OR WILDCAT
4 +	FNL & 1980' I				cincin a j	i	S. Poplar	Extension on BLOCK AND SURVEY
At top prod. Interval		:		20			OR AREA C NW/4 1	
At Same							•	6-28N-51E
•	렇게걸면입니	(174.70	BMIL NO.		DATE ISSUED		12. COUNTY OR	1 13. STATE
Same			-		DATE TROOPS		PARISH	
15. DATE SPUDDED 16.	DATE T.D. REACHED 17	. DATE COMPL.	(Ready to	prod.) 18.	ELEVATIONS	(DF, RKH, R	Roosevelt	ELEV. CASINGHEAD
12/7/70 12	2/26/70	2/28/71			94' G.L.			2194'
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D.,	MO A TVO L. 25	HOW MA	IPLE COMPL	23. IN	TERVALS	ROTARY TOOLS	CABLE TOOLS
6032 M. D.	6020'_M_i		_		<u> </u>	<u>→ </u>	0-60381	
), OF THIS COMPLETION	2-rop, BOT10M.	-	. AND TVD).			1.	25. WAS DIRECTIONAL SURVEY MADE
Charles Sand	<u>.</u> <u>.</u> :	· <u>.</u> :.	Š	**			·	No
26. 1964 LECTRIC AND A	Trea DOGS BUN	•	-	_			27.	WAS WELL CORED
_ Dual Induction	a-Laterolog. S	Sidewall_	Neutro	n. Gam	ıma Rav	-001	•	No.
28.		CASING RECO	RD (Repo	rt all strings	ect in wcll)			
CASING SIZE W	EIGHT, LB./FT. DEPT	н зет (мо)	- 1101	E SIZE	ce	MENTING F	ECORD	AMOUNT PULLED
8-5/811		9' KB	-12-1	<u>/411</u>			nt_Circ_to_s	1
4-1/21	9.5# 603	8' KB	//-	/8'' _3•	.U_sx_5U-	X)_]_OZ	Top cem.	4464' None
				•				9
29.	LINER REC		.		30.	T	UBING RECORD	
SIZE TOP	(MD) BOTTOM (M		MENT*	SCREEN (MD			EPTH SET-(MD)	PACKER SET (MD)
-None -	- U		 -	-	2-3/8	''	<u>-5940'M.D.</u>	<u>5940' M.</u> D.
31. PERFORATION RECORD (1			<u>-</u>	32.	ACID, SHOT	FRACTU	RE, CEMENT SQU	EEZE, ETC.
		- '	,	DEPTH INTE	ERVAL (MD)	AMO	UNT AND KIND OF	MATERIAL USED
5964-68' 2 jets/f			. [5964-6	81	2000	gal., 28% H	CL-acid
5974-78' 2 jets/f	t. 8		-					
	<u>.</u>		. -	6		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
33.*	- 3		PRODU		<u> </u>	<u> </u>	<u> </u>	
DATE FIRST PRODUCTION	PRODUCTION METHO				nd type of pur	np)	WELL STATU	s (Producing or
_1/8/71	Flowing	<u>.</u>	- 					bdto_plug
!	S TESTED CHOKE S	IZE PROD'N		OIL-BBL.	GAS-M	CF.	WATER BER.	bdto-plug.
	Q PRESSURE CALCULA		BL.	~ 2.0 - GAS—W	2	WATER-F	215	100:1 RAVITY-API (CORR.)
	24-носв	RATE	, ,	2		21		36°
70 psi Pa 34. DISPOSITION OF GAS (Sol	d, used for fuel, vented,	etc.)	0	<u> </u>			TEST WITNESSED B	
Vented. Verv							Ted Nees	
	small-volume							
	small volume	wall said		· rosit-	log Com	~~~ ₁		α· DST #1 2 °
		wall neut	ron po	rosity	log, Gar	nma R		g; DST #1, 2 &
Dual Induction-L. 36. I hereby cortify that if		40	Ma:	nager,			ay-CCL lo	
Dual Induction-L		40	Ma:	nager,				

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), forma-

If not fled prior to the time this summary record is submitted, copies of an eurrenty available registry, sample and core analysis, at types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each Interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME :	TOP
, <u>4</u>			,	3486	MEAS, DEPTH TRUE VERT, DEPTH
uddy	3057	3095	Fresh water. Porous 3070-90'		
	{	1		Dakota	3274
harles 5				Swift	3665
ST #1	5815	5825	Rec. 154' slightly ocmw, 180' slightly	Piper ;	4434
₹. • .			oil cut SW, 442' SW (784' total fluid).	Spearfish	4727
,	<u> </u>			Amsoen	4856
harles	ł			Tyler	4995
ST #2	5957	5968	Rec. 60' drlg. mud. Report attached.	Otter	5172
	,		•	Kibbey Shale	-5336
harles .	1 (1)			Kibbey LS	5466
ST #3	5936	6036	Rec. 200' drlg. mud. Report attached.	Charles	5568
			*	"A" Zone	5646
• •	•			"B" Zone	5804
•	-		· ·	Greenpoint Anh	y 5858
:		,		"C" Zone	5950 SURF
		;		.:	
				•	()
		1			
					ITE" IN WATER

NISHED SHUT -IN

IN WATER

PRODUCTION & INJECTION DATA
